

IN THE CLAIMS:

In accordance with the Revised Rules under 37 C.F.R. 1.121, please amend the claims as shown below and indicated as “currently amended.” Also shown below are claims that may be original, cancelled, withdrawn, previously presented, new, and not entered.

Claims 1-7 (cancelled).

8. (currently amended) An antenna mounting printed-circuit board for incorporation into equipment having at least a communication function, said printed-circuit board adapted to mount various modules thereon, comprising:

a chip-like antenna element formed into a thin-plate-shape having a rectangular horizontal cross section and having an open end formed of at least two antenna conductors separated from each, said antenna element adapted for mounting on the printed-circuit board;

a ground utilized by one or more of said various modules and arranged so as to surround a surrounding area of at least three of four sides to form the rectangular horizontal cross section in the antenna element, and

wherein the antenna element is mounted on a substantially central position of an arbitrarily selected side of the antenna mounting printed-circuit board.

9. (previously presented) The antenna mounting printed-circuit board according to claim 8, wherein said at least two antenna conductors are separated from each other in a height direction.

10. (previously presented) The antenna mounting printed-circuit board according to claim 8, wherein the antenna element is constructed with a conductor pattern having a three-dimensional structure formed on a resin substrate.

11. (previously presented) The antenna mounting printed-circuit board according to claim 10, wherein the conductor pattern in the antenna element is formed by connecting the at least two antenna conductors to each other to permit electrical conductivity through one or more through holes, said through holes configured to pierce the resin substrate from a front surface to a back surface and having inside portions plated with copper foil.

12. (previously presented) An antenna mounting printed-circuit board according to claim 11, wherein the conductor pattern in the antenna element is formed by connecting the at least two antenna conductors in a meandering pattern via the through holes.